

Install Application Manager for WSUS in a Closed Environment

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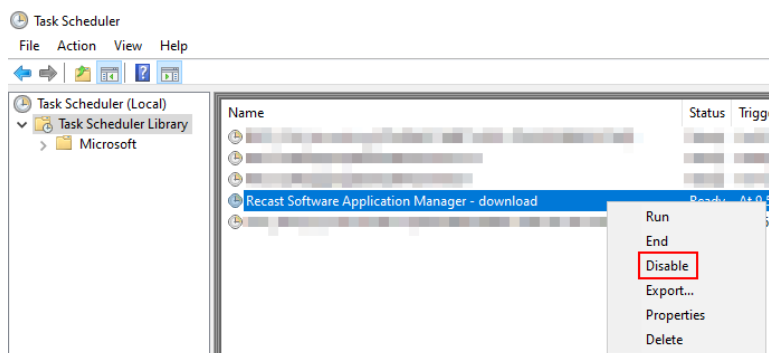
Closed environment installation requires two servers and a solution to copy specific files from one server to another. This article includes instructions on how to install and configure Application Manager in a closed WSUS environment, and how you can deploy new versions of AM supported applications.

Requirements for closed environment installation:

- **Server with Internet access (Downloader server)**
 - [Access to Application Manager backend services](#)
- **Server inside closed environment (AM server)**
 - [Requirements](#) (Excluding Network Requirements)
 - This can be a WSUS server, or a server that's able to connect to the closed environment's WSUS server
- **Solution to copy files from downloader server to the AM server**

Installation

1. [Download the Application Manager installer](#) to both servers.
2. [Find the ID and Key](#) for downloader installation.
3. On the Downloader server, [Install AM in downloader mode](#). Wait until all applications have been downloaded before proceeding to the next step (Download status = Completed).
4. On the AM Server, run the Application Manager installer and follow the prompts. **Do not open** the Application Manager Integration Client from Start menu at this point!
5. Create a folder for application installation media.
6. Disable the **Recast Software Application Manager - download** scheduled task in the Windows task scheduler.

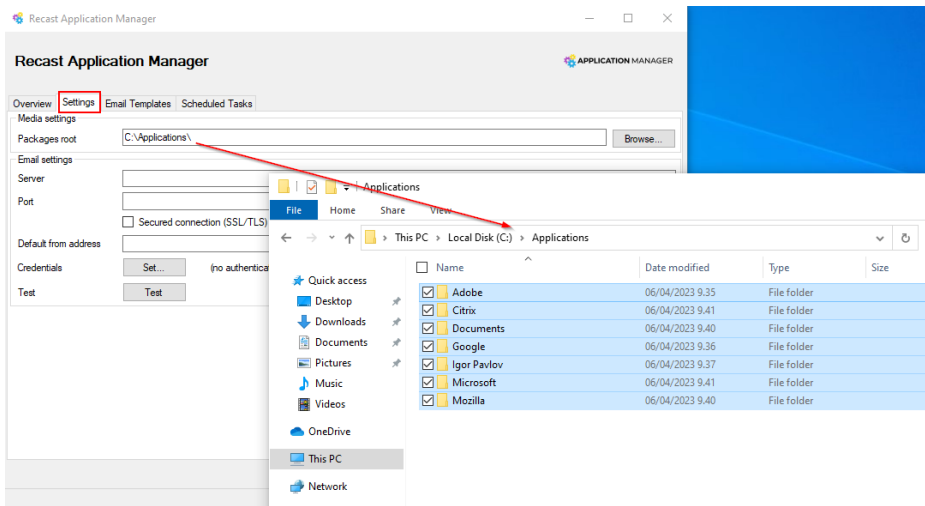


7. Copy the following files and folders from the downloader server to the AM server in the matching location. Replace existing files, if prompted.

- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\PackageDownloader.db
- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\PackageDownloader.xml

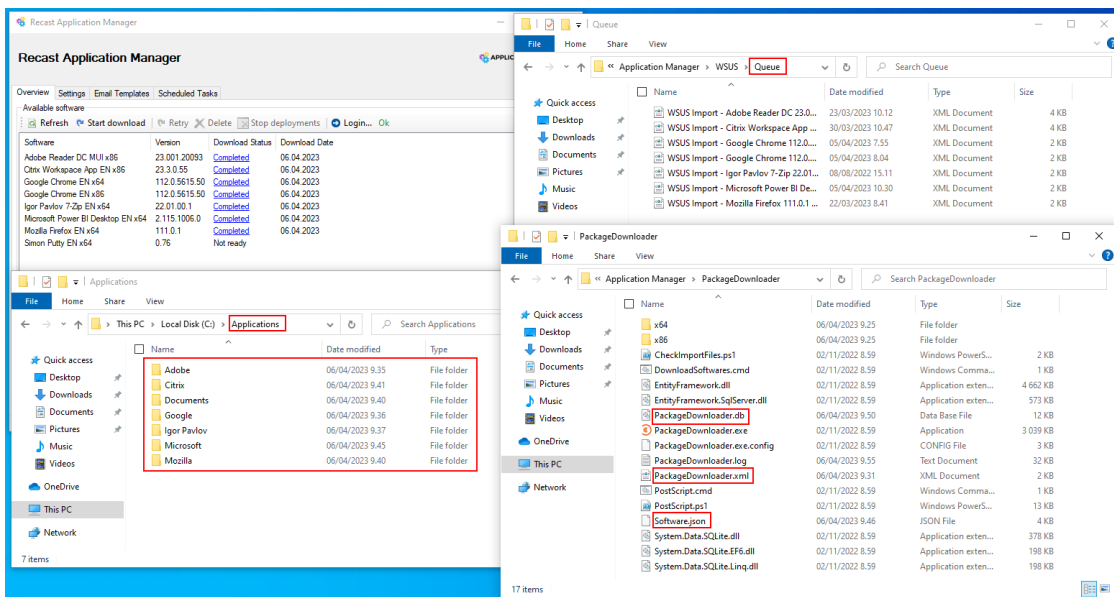
- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\Software.json
- C:\ProgramData\Recast Software\Application Manager\WSUS\Error
- C:\ProgramData\Recast Software\Application Manager\WSUS\Queue

8. Copy everything from the downloader server's installation media folder to the newly created installation media folder on the Application Manager server.

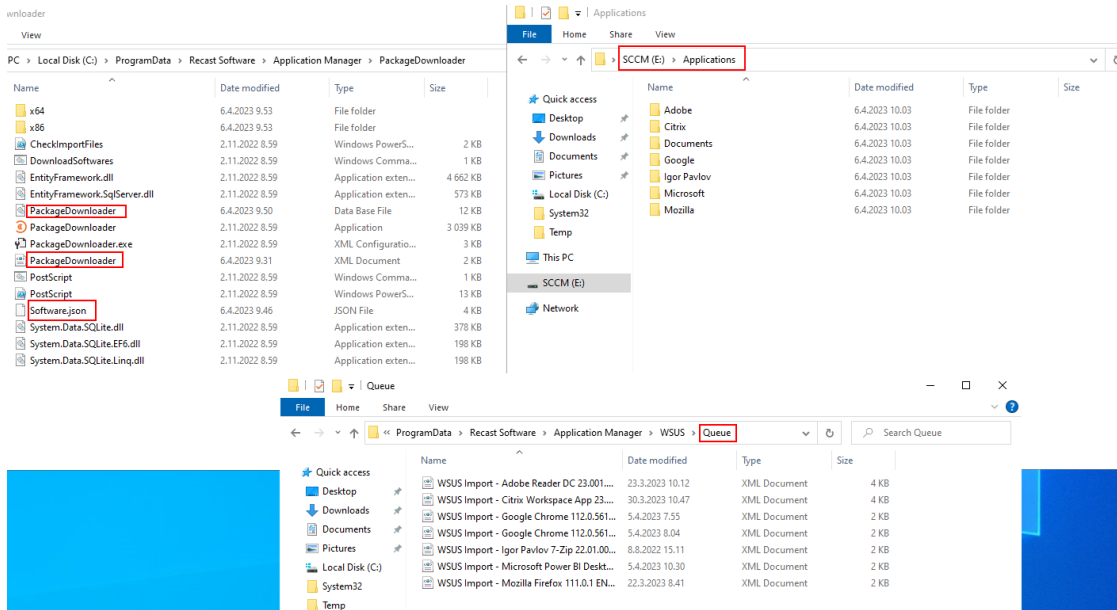


You should now have matching files on both servers:

Downloader server

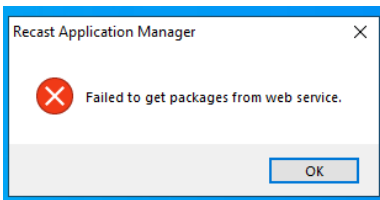


AM Server

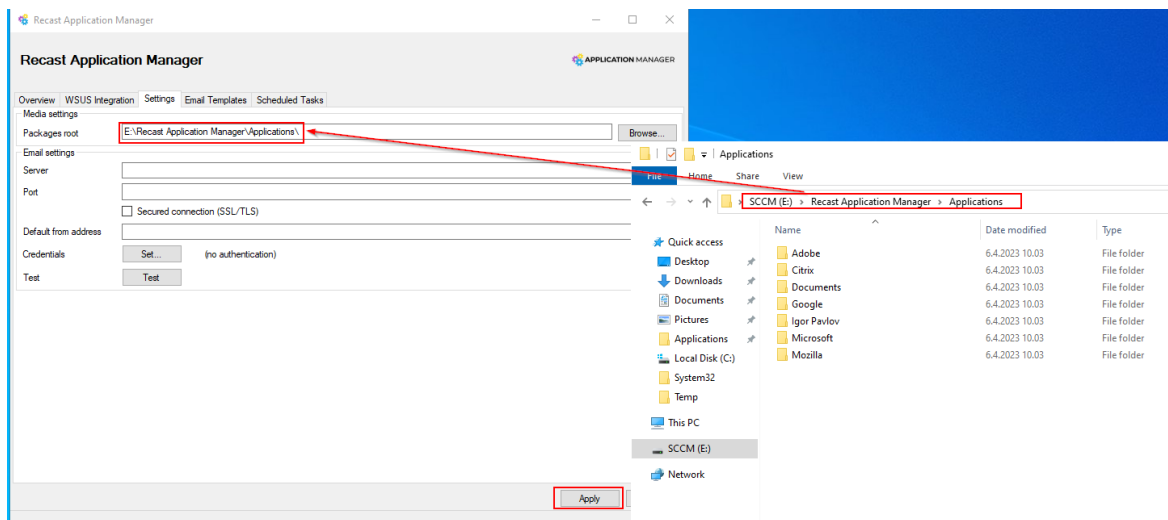


To configure the AM Server:

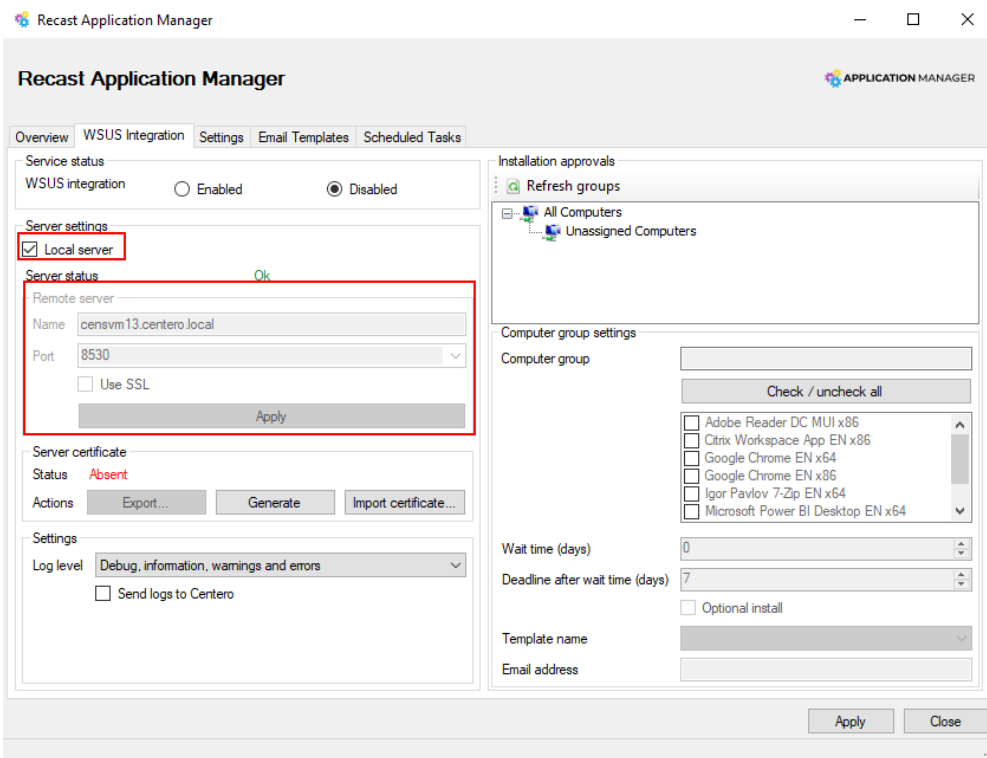
1. Open **Application Manager Integration Client** from the Windows Start menu.
2. Click **OK** to dismiss the error message you'll receive whenever you start Application Manager or navigate to the Overview tab. At this point, Application Manager cannot connect to our backend services.



3. On the **Settings** tab, modify the **packages root** folder value, if it's different than on the Downloader server. Click **Apply**.

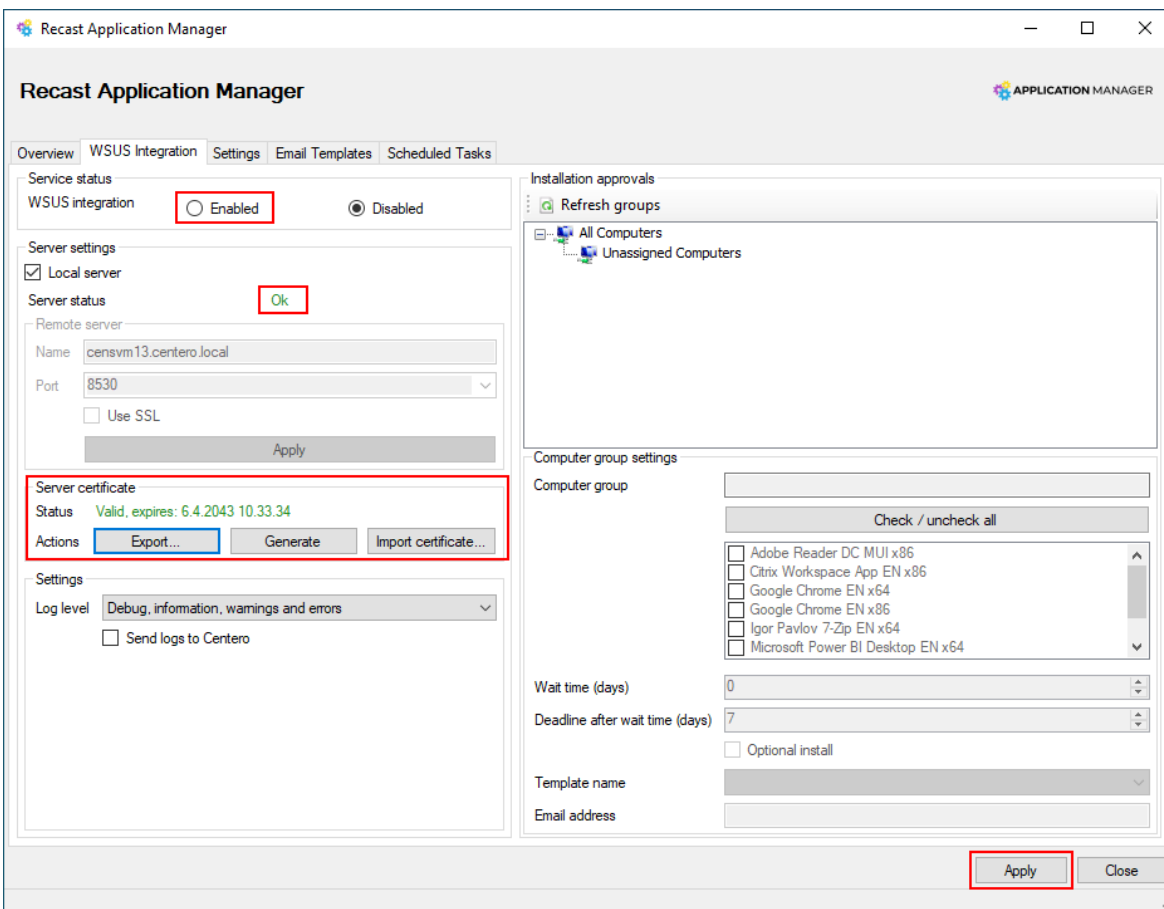


4. On the **WSUS Integration** tab, click the **Local server** checkbox if you installed Application Manager on the WSUS server, or specify **Remote server** information. Click **Apply**.



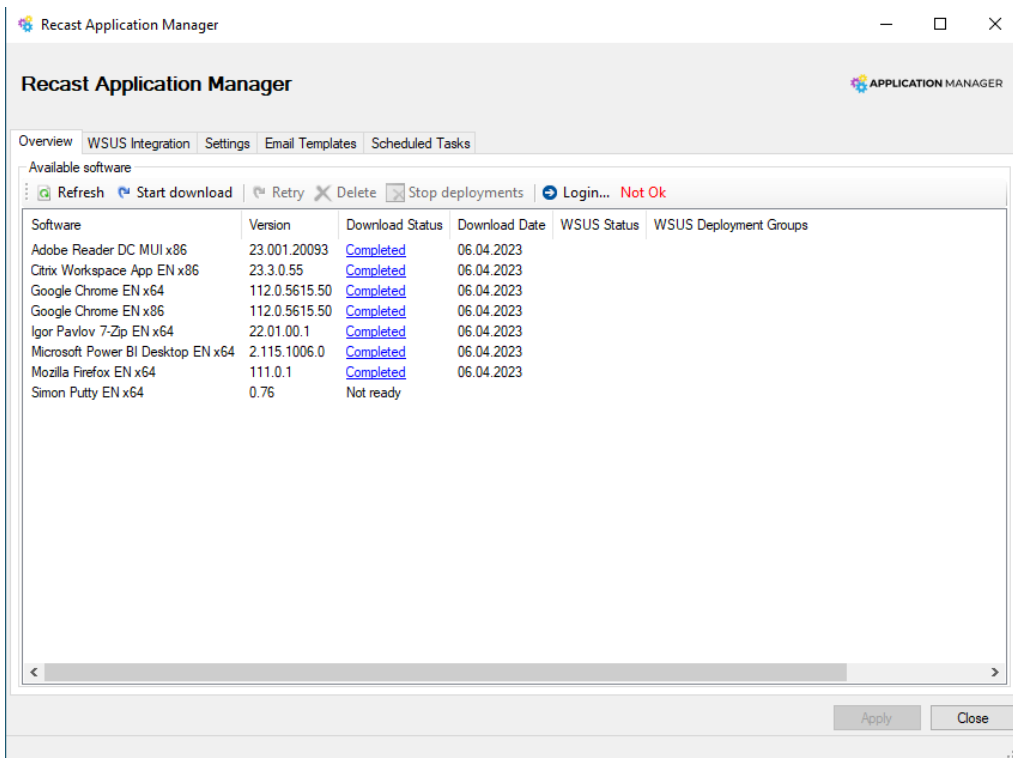
5. Generate or import the server certificate.

6. Make sure **Server status** is **Ok** and the **Server certificate status** is **Valid**. Enable WSUS Integration by selecting **Enabled** and then **Apply**.

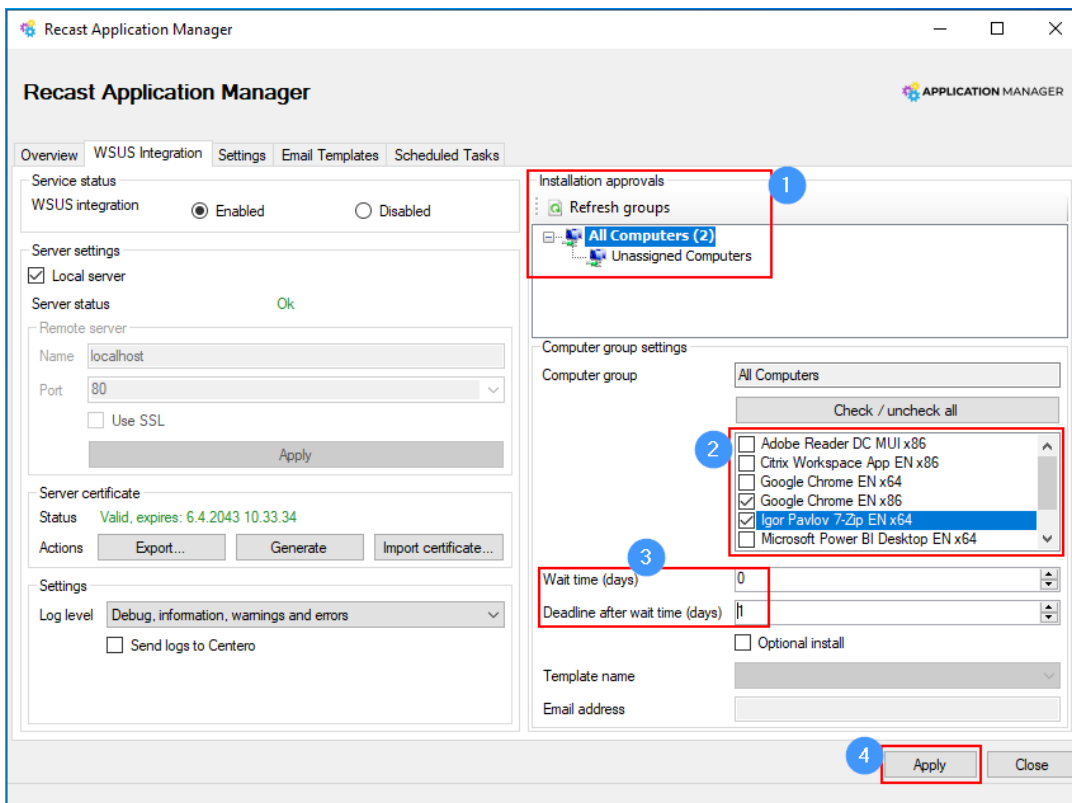


7. Restart Application Manager by selecting **Close**, and reopen it from the Start menu. Make sure Download Statuses are

Completed, and you can see **WSUS Status** and **WSUS Deployment Groups** columns. If the columns are missing, restart the Application Manager.



8. On the **WSUS Integration** tab, select applications and configure the installation schedule for your target groups. Select **Apply** to save changes and select **OK** in the pop up window.



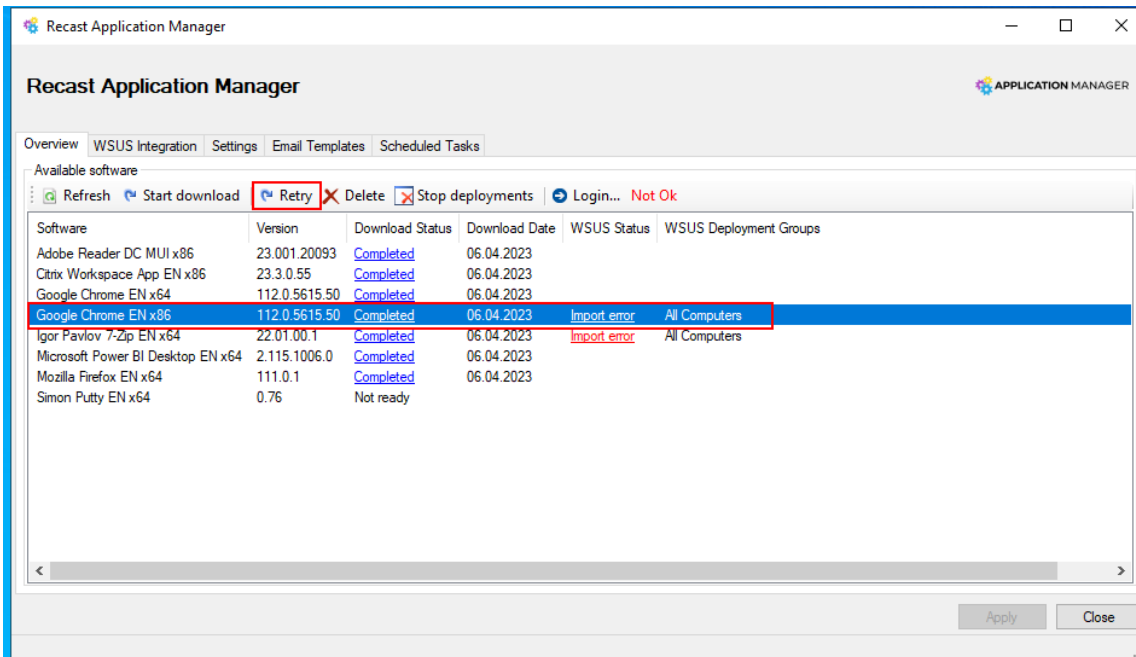
9. On the **Overview** tab, if the **WSUS Status** is **Error** for any application, select the application row and click **Retry**.

- Select **Yes** in the first pop up window, and **No** when asked to redownload the media. If you accidentally delete

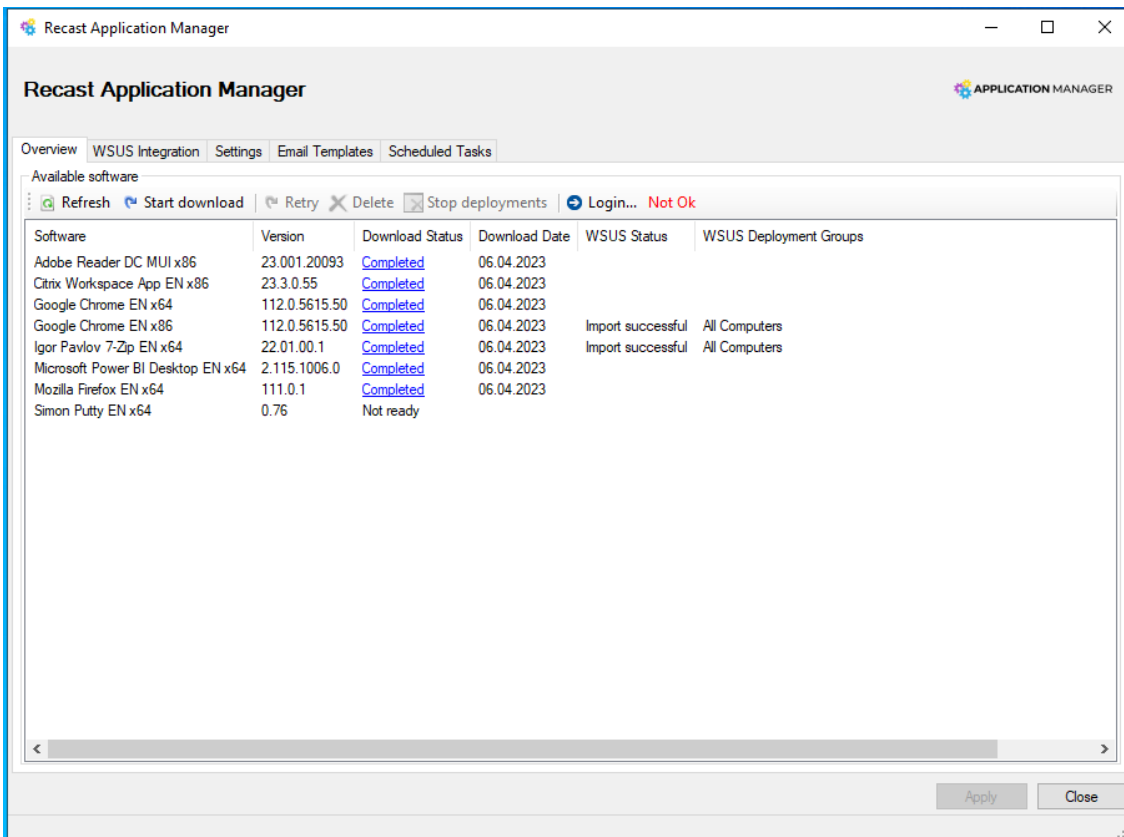
installation media on the AM server, you'll need to copy the installer files from the Downloader server.

- If multiple applications are in **Import error** status, it might be faster to move application specific xml files from the

C:\ProgramData\Recast Software\Application Manager\WSUS\Error folder to the C:\ProgramData\Recast Software\Application Manager\WSUS\Queue folder.



Application Manager will import the application and the status will change from **Import queued** to **Import Successful**.

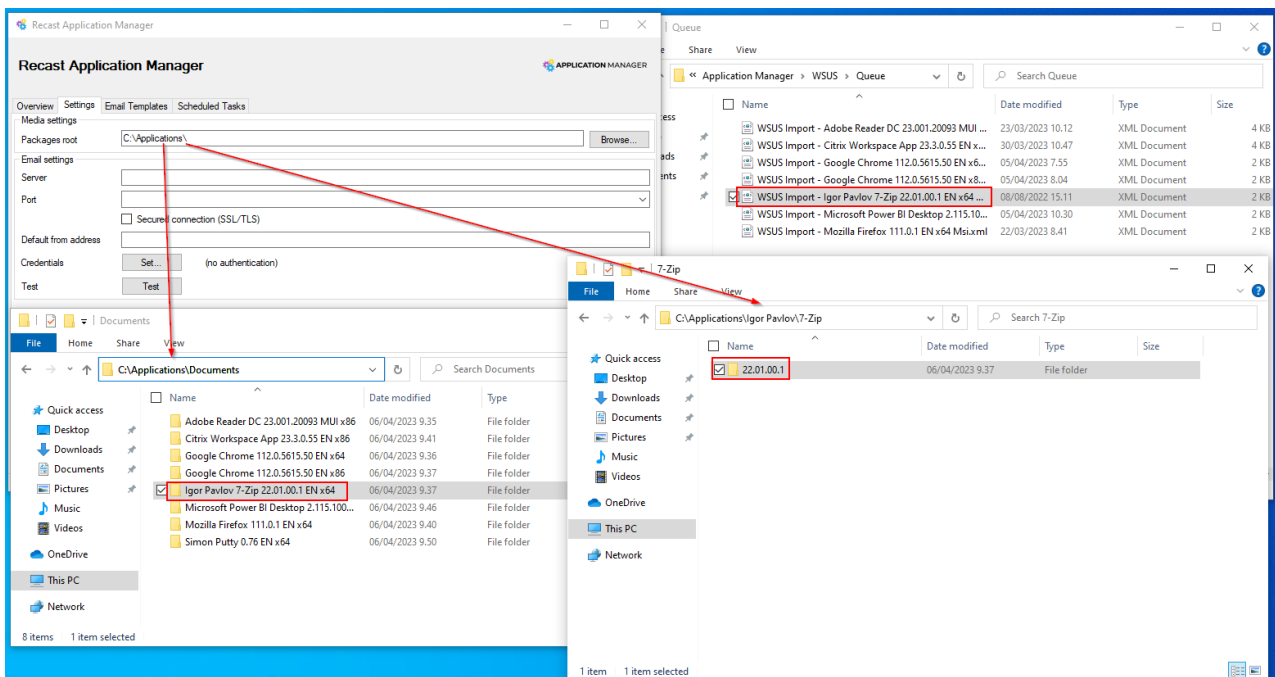


New application versions

Whenever the Downloader server downloads a new version of any application, you'll need to copy the following files to the closed environment's AM server in order to deploy the latest version:

- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\PackageDownloader.db
- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\PackageDownloader.xml
- C:\ProgramData\Recast Software\Application Manager\PackageDownloader\Software.json
- Application specific file and folders:
 - C:\ProgramData\Recast Software\Application Manager\WSUS\Queue\WSUS Import - [Publisher Name Version Language Architecture].xml
 - Packages root folder\Documents\[Publisher Name Version Language Architecture]
 - Packages root folder\[Publisher]\[Name]\[Version]
 - Packages root folder might be different in downloader and AM servers, but the structure should stay the same

Example: If there was a new version of 7-Zip, you would copy the following file and folders to AM server, in addition to three files from PackageDownloader folder



Known issues

The Overview tab might be empty after retrying an application import or performing other actions on the Overview tab. The application list should come back after restarting Application Manager.